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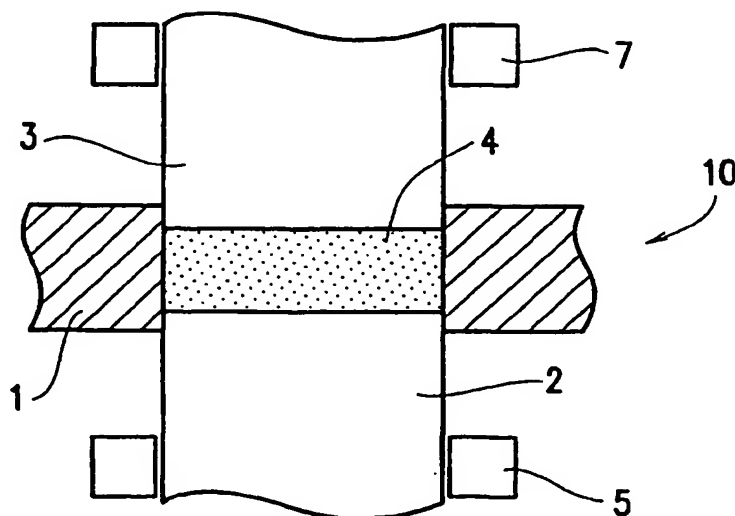
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(54) **Rare earth magnet and method for manufacturing the same**

(57) Rare earth alloy powder having an oxygen content of 50 to 4000 wt. ppm and a nitrogen content of 150 to 1500 wt. ppm is compacted by dry pressing to produce a compact. The compact is impregnated with an oil agent and then sintered. The sintering process includes a first step of retaining the compact at a temper-

ature of 700°C to less than 1000°C for a period of time of 10 to 420 minutes and a second step of permitting proceeding of sintering at a temperature of 1000°C to 1200°C. The average crystal grain size of the rare earth magnet after the sintering is controlled to be 3  $\mu$ m to 9  $\mu$ m.

**FIG. 1**



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